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Under the Paperw	ork Reduction Act of 1995	no persons are requ	uired to respond to a collection of infor	nation unless it dis	plays a valid OMB control number.			
TDAN	ICMITTAL	<u> </u>	Application Number	10/774,34	7			
TRANSMITTAL FORM			Filing Date	2/6/2004				
	-ORIVI	F	First Named Inventor	Toshihiro	Toshihiro SAWAMOTO			
(to be used for all co	rrespondence after initi	al filing)	Art Unit	2811	2811			
		E	Examiner Name	To be ass	igned			
Total Number of Page:	s in This Submission	A	Attorney Docket Number	9319S-00	0665			
		ENCLOSU	JRES (check all that apply)	•				
Fee Transmittal F	form	☐ Drawing(s		. —	flowance Communication to blogy Center (TC)			
Fee Attached		Licensing	-related Papers		Communication to Board of s and Interferences			
Amendment / Rep	ply	Petition			Communication to TC Notice, Brief, Reply Brief)			
After Final		Provision	Convert to a al Application	Proprie	tary Information			
Affidavits/dec	laration(s)		Attorney, Revocation f Correspondence Address	☐ Status	Letter			
Extension of Time	e Request	Terminal I	Disclaimer		Other Enclosure(s) (please identify below):			
Express Abandonment Request			st for Refund umber of CD(s)		Copies of specification and drawings from related cases Return receipt postcard			
☐ Information Disclosure Statement		00, Nam.	ob, Number of ob(s)		um receipt postcaru			
Certified Copy of Priority Document(s)		Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.					
	Response to Missing Parts/ Incomplete Application		7.6555M.116. 05 07 00	. A duplicate	copy of this sheet is chaceed.			
Response to Parts under 3 1.52 or 1.53								
	SIGNA	TURE OF AP	PLICANT, ATTORNEY, O	R AGENT	<del></del>			
Firm or Individual name	Harness, Dickey & Pierce, P.L.		Attorney Name		Reg. No. 27,382 40,344			
Signature			9. Theyon	Mula				
Date June <u>27</u> , 2004								
	C	ERTIFICATÉ	OF TRANSMISSION/MA	ILING				
I hereby certify that to Service with sufficier Alexandria, VA 22313	nt postage as first	class mail in a	ile transmitted to the USPTC n envelope addressed to: (	or deposited Commissioner	with the United States Postal for Patents, P.O. Box 1450,			
Typed or printed nam	e G. Gregory 8	grivley /	Bryant 5. Wade	Express Mail Label No.	EV 533 148 935 US (6/24/2004)			
Signature	ZI	Three	un / Whenther	Date	June 24, 2004			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and subplitting the completed application form to the USPTO. Tipe will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/774,347

Filing Date:

2/6/2004

Applicant:

**Toshihiro SAWAMOTO** 

**Group Art Unit:** 

2811

Examiner:

To be assigned

Title:

SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE, ELECTRONIC EQUIPMENT, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, AND METHOD OF MANUFACTURING

**ELECTRONIC DEVICE** 

Attorney Docket:

9319S-000665

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

#### I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

#### II. <u>COPIES</u>

A. X Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. \_\_\_\_ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following

applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

#### U.S. Serial Number

U.S. Filing Date

C	Because	the pre	sent applic	ation was/i	s being	filed aft	er June	30,
2003,	no copies	of the U	.S. patents	or U.S. pa	atent ap	plication	publicati	ons
which	are listed	on the a	ittached Fo	orm 1449 a	re enclo	sed purs	suant to	the
waiver	of 37 C.F	.R. § 1.9	8(a)(2)(i).	Any foreig	n patent	docume	ents or r	ion-
patent	literature li	sted on t	he attached	d Form 1449	are end	losed he	rewith.	

D.\_\_\_\_ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

# III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

AX_	Except	as	may	be	indic	cated	be	wole	in	(B),	all	of	the	patents,
publication	ons or	othe	er info	orma	ation	are	in	the	En	glish	lar	ngua	age	(concise
explanati	ion not	requii	red).											

B.\_\_\_\_ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

- 1.\_\_\_See the attached foreign patent office communication from a counterpart foreign application.
- 2. English translations are provided.
- Other:

C. \_\_\_\_The following additional information is provided for the Examiner's consideration.

# IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.\_\_\_The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.	Filing Date	Art Unit
10/787,060	2/25/2004	2811
10/801,089	3/15/2004	2811
10/801,084	3/15/2004	2811
10/772,572 /	2/5/2004 /	2811
10/801,949	3/16/2004	2811

 10/801,927
 3/16/2004
 2811

 10/801,933
 3/16/2004
 2811

#### V. THIS IDS IS BEING FILED UNDER

# A. X 37 C.F.R. § 1.97(b): (check only one box) 1. \_\_\_\_ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required. 2. \_\_\_ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.

- 3. X before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- 4. \_\_\_\_ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

# B. \_\_\_\_37 C.F.R. § 1.97(c): (check only one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

- 1. \_\_\_\_No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- 2. \_\_\_\_See the certification below. No fee is required.

# C. \_\_\_\_37 C.F.R. § 1.97(d):

after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.

1. \_\_\_\_See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

# VI. <u>CERTIFICATION UNDER 37 C.F.R. § 1.97(e):</u> (check <u>only</u> one box)

The undersigned hereby certifies that:

	A each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or
	B no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	CSome of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
VII.	STATEMENT UNDER 37 CFR 1.704(d)
	The undersigned hereby states that:
	each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.
VIII.	PAYMENT OF FEES (check only one box)
	A A check in the amount of \$180.00 is enclosed for the above-identified fee.
	BPlease charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.
	The above references are being cited only in the interest of candor and it any admission that they constitute statutory prior art, contain matter which pates the invention, or which would render the same obvious, either singly or in

combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has

Serial No. 10/774,347

been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated:

By:

G. Gregory Schivley

Reg. No. 27,382 Bryant E. Wade Reg. No. 40,344

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

[BEW/cmh]

Belong with 10/774.347 6/24/04 u.s.

PTO/SB/21 (04-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)			Application Number	10/772,57	10/772,572			
			Filing Date	2/5/2004	2/5/2004			
			First Named Inventor	Toshihiro	SAWAMOTO			
			Art Unit	2811	2811			
			Examiner Name	To be ass	To be assigned			
Total Number of Pages in	This Submission		Attorney Docket Number	9319S-00	0664			
		ENCLOS	URES (check all that apply)					
Fee Transmittal Form	1 [	Drawing	(s)		After Allowance Communication to Technology Center (TC)			
Fee Attached	<b> </b> {	Licensing	g-related Papers		Communication to Board of s and Interferences			
Amendment / Reply	. [	Petition			Communication to TC Notice, Brief, Reply Brief)			
After Final	[ {		to Convert to a nal Application	Proprie	tary Information			
Affidavits/declara	ition(s)		f Attorney, Revocation of Correspondence Address	☐ Status	Letter			
Extension of Time Re	equest	Terminal	l Disclaimer	Other (please	Enclosure(s) identify below):			
Express Abandonment Request		_ '	for Refund	dra	Copies of specification and drawings of related cases Return receipt postcard			
☐ Information Disclosure Statement								
Certified Copy of Priority Document(s)		Remark	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.					
Response to Missing Parts/ Incomplete Application					·			
Response to Missing Parts under 37 CFR 1.52 or 1.53								
	SIGNATU	JRE OF AI	PPLICANT, ATTORNEY,	OR AGENT				
Firm or Harness, Dickey & Pierce, P.L.C Individual name		ierce, P.L.C.	Attorney Name G. Gregory Schivley Bryant E. Wade	27	eg. No. ,382 ,344			
Signature			1. Theory	Block				
Date Ju	ne24, 2004		109,	L				
CERTIFICATE OF TRANSMISSION/MAILING								
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.								
Typed or printed name	G. Gregory Schi	ivley	010	Express Mail Label No.	EV 533 148 935 US (6/24/2004)			
Signature //. /har crue			Mente	Date	June			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or letain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTIO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form following endors suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradergark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/772,572

Filing Date:

2/5/2004

Applicant:

Toshihiro SAWAMOTO

Group Art Unit:

2811

Examiner:

To be assigned

Title:

SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE, ELECTRONIC EQUIPMENT, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE, AND METHOD OF MANUFACTURING

**ELECTRONIC DEVICE** 

Attorney Docket:

9319S-000664

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

### I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

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## II. COPIES

A. X Submitted herewith is a legible copy of (i) each U.S. patent
application publication and U.S. and foreign patent; (ii) each publication or
that portion which caused it to be listed; (iii) for each cross-referenced
pending U.S. application listed below in Section IV, the application
specification including the claims, and any drawing of the application which
caused it to be listed including the claims directed to that portion; and (iv) all
other information or that portion which caused it to be listed.

B. \_\_\_\_ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following

applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

#### U.S. Serial Number

U.S. Filing Date

C.\_\_\_\_ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

D.\_\_\_\_ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

## III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. X Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B.\_\_\_\_ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

- 1.\_\_\_\_See the attached foreign patent office communication from a counterpart foreign application.
- 2. English translations are provided.
- 3. Other:

C. \_\_\_\_The following additional information is provided for the Examiner's consideration.

## IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.\_\_\_\_The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.	Filing Date	Art Unit
10/787,060	2/25/2004	2811
10/801,089	3/15/2004	2811
10/801,084	3/15/2004	2811
10/774,347	2/6/2004	2811
10/801,949	3/16/2004	2811

 10/801,927
 3/16/2004
 2811

 10/801,933
 3/16/2004
 2811

#### V. THIS IDS IS BEING FILED UNDER

A. X 37 C.F.R. § 1.97(b): (check only one box) 1. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required. 3. X before the mailing of a first Office Action on the merits (37) C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p). 4. \_\_\_\_ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required. B. \_\_\_\_37 C.F.R. § 1.97(c): (check only one box) before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution. 1. No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p). 2. See the certification below. No fee is required. C. \_\_\_\_37 C.F.R. § 1.97(d): after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee. 1. \_\_\_\_See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

## VI. <u>CERTIFICATION UNDER 37 C.F.R. § 1.97(e):</u> (check only one box)

The undersigned hereby certifies that:

	A each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or
	B no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	CSome of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
VII.	STATEMENT UNDER 37 CFR 1.704(d)
	The undersigned hereby states that:
	each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.
VIII.	PAYMENT OF FEES (check only one box)
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withou anticip	The above references are being cited only in the interest of candor and t any admission that they constitute statutory prior art, contain matter which ates the invention, or which would render the same obvious, either singly or in nation, to a person of ordinary skill in the art. Furthermore, this Information

Disclosure Statement shall not be construed as a representation that a search has

been made.

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Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: July 24, 20

By: G. Gregory Schivle

Reg. No. 27,382 Bryant E. Wade Reg. No. 40,344

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

[BEW/cmh]